

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: OAAE, Kouji et al. Conf.: Unknown  
Appl. No.: New Group: Unknown  
Filed: July 25, 2003 Examiner: Unknown  
For: LIQUID CRYSTAL DISPLAY DEVICE AND LIQUID  
CRYSTAL PRODUCTION METHOD

INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION WITH CONTINUATION-IN-PART OR  
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 25, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Appl. No(s).  
09/831,740

U.S. Filing Date(s)  
May 14, 2001

III. FEES

This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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By 

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JWB/rem  
0152-0650P

Attachment(s) : ☒ PTO-1449(s)

☐ References

☐ Foreign Search Report

☐ Other:

[Rev. 04/29/03]

Form PTO-1449	ATTY DOCKET NO. 0152-0650P	APPLICATION NO. New
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)	APPLICANT Kouji OOAE et al.	
	FILING DATE July 25, 2003	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,583,673	A	1996-12-10	Onishi et al.			
	US 3,637,291	A	1972-01-25	Kessier et al.			
	US 5,896,005	A	1999-04-20	Gurvitch et al.			
	US 5,389,184	A	1995-02-14	Jacarusso et al.			
	US 6,320,631	B1	2001-11-20	Okada et al.			
	US 6,368,680	B1	2002-04-09	Kubota et al.			

## FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
	JP	406275801	A	1994-09	JAPAN				
	JP	6-250615		1994-09-09	JAPAN			abs	
	JP	6-18831		1994-01-28	JAPAN			abs	
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	JP	3-168613		1991-07-22	JAPAN			abs	

## OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	